



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
AVENDANO, et al

Application No.: 10/606,373

Filed: June 24, 2003

For: ENHANCING AUDIO SIGNALS
BY NONLINEAR SPECTRAL
OPERATIONS

Atty. Docket No.: CLABP204

Examiner: Unassigned

Group: Unassigned

Date: September 24, 2003

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop _____, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on September 25, 2003.

Signed: _____

Pat Tate

Pat Tate

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§1.56 AND 1.97(b) BEFORE MAILING OF A FIRST OFFICE ACTION

Mail Stop _____
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is believed to be filed before the mailing date of a first Office Action on the merits. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-0685 (Order No. CLABP204).

Respectfully submitted,

VAN PELT & YI LLP



William J. James

Reg. No. 40,661

10050 N. Foothill Blvd, Ste 200
Cupertino, CA 95014
(408) 973-2585



Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Atty Docket No.	CLABP204
	Application No.:	10/606,373
	Inventor	AVENDANO, et al
	Group	Unassigned
	Filing Date	June 24, 2003

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	5,878,389	Mar 2, 1999	Hermansky et al	704	226	June 28, 1995
	B	5,886,276	Mar 23, 1999	Levine et al	84	603	Jan 16, 1998
	C	6,098,038	Aug 1, 2000	Hermansky, et al	704	226	Sept. 27, 1996
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	L							

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	M	Bosi, Marina, et al, "ISO/IEC MPEG-2 advanced audio coding, AES 101, Los Angeles, Nov. 1996, J. Audio Eng. Soc., Vol 45, No. 10, Oct. 1997
	N	Duxbury, Chris, et al, "Separation of Transient Information in Musical Audio Using Multiresolution Analysis Techniques", Proceedings of the COST G-6 Conference on Digital Audio Effects (DAFX-01), December 2001.
	O	Levine, Scott N., et al, "Improvements to the Switched Parametric and Transform Audio Coder", Proceedings of the IEEE Workshop on Applications of Signal Processing to Audio and Acoustics, Oct. 1999, pgs. 43-46.
	P	Pan, Davis, "A Tutorial on MPEG/Audio Compression" IEEE MultiMedia, Summer, 1995.
	Q	Quatieri, T.F., et al, "Speech Enhancement Based on Auditory Spectral Change", Proceedings of the IEEE Workshop on Applications of Signal Processing to Audio and Acoustics, October 1999, pages 43-46.
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.